

MEETING LOG
DIRECTORATE FOR ENGINEERING SCIENCES

CPSC/OFFICE OF
THE SECRETARY

SUBJECT: Meeting with ANSI Z21 refrigerator and Camping
Equipment Subcommittee to Discuss Carbon Monoxide
Emissions from Camping Heaters, Stoves, and
Lanterns

1999 JUL 26 P 2:58

PLACE: Airport Holiday Inn North, Atlanta,

MEETING DATE: June 23, 1999

LOG ENTRY SOURCE: Donald W. Switzer JWS

ENTRY DATE: July 26, 1999

COMMISSION ATTENDEES:

NON-COMMISSION ATTENDEES: Attendee List attached

MEETING SUMMARY

The ANSI Z21 Refrigerator and Camping Equipment Subcommittee consists of experts in the area of gas-fired refrigerators and camping equipment. At its November, 1998, meeting the subcommittee voted to adopt voluntary standard coverage for gas-fired camping heaters that would limit the amount of carbon monoxide (CO) that would accumulate in a 100 cubic foot enclosure with air exchanges of 0.5, 1.0, and 1.5 air changes per hour (ACH) to 100 ppm CO. The heaters will be prohibited from depleting the oxygen in the enclosure below 16 percent. The subcommittee voted to send the adopted coverage to the ANZI Z21 Committee for adoption as an ANSI accredited standard with an expedited effective date of January 1, 2000. A manufacturer has objected to the January 1, 2000, effective date and requested a postponed effective date. Staff attended this meeting to reiterate the need for the original January 2000, date. The subcommittee voted to retain the original effective date.

The subcommittee also considered extending the same performance requirements to camping stoves and lanterns. The subcommittee formed a task force including CPSC staff to develop the necessary test methods. The task force is to test lanterns and stoves under a variety of real life conditions and develop necessary test methods. The Task force is to report to the subcommittee at its October 1999 meeting.

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Committee Name: **Interim CSA/ANSI Z21/83 Joint Subcommittee on
Gas Refrigerators and Portable Camping Equipment**

Date: June 23, 1999

Location: Holiday Inn Atlanta, Georgia

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